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**North America
Intellectual Property Corporation**

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Customer No.: 27765

**Fax To: Nguyen, Linh V
Art Unit: 2819**

**Tel: (571) 272-1810
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From : Winston Hsu, Registration No. 41,526

Serial No.: 10/708,202

Attorney Docket No.: REAP0008USA

**Subject: Response to Notice of Non-Compliant Amendment
Dated 09/08/2005**

Total Pages: 18 pages (including cover page)

Winston Hsu 10/6/2005

REAP0008USA0_A3_1

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

		Application Number	10/708,202
		Filing Date	02/16/2004
		First Named Inventor	Ying-Yao Lin
		Art Unit	2819
		Examiner Name	Nguyen, Linh V
Total Number of Pages in This Submission	17	Attorney Docket Number	REAP0008USA

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <input type="checkbox"/> copy of the Response to the Office action 06/14/2005
<input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Remarks
<input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	North America Intellectual Property Corporation		
Signature	<i>Winston Hsu</i>		
Printed name	Winston Hsu		
Date	10/6/2005	Reg. No.	41,526

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Sheryl Lee</i>		
Typed or printed name	Sheryl Lee	Date	10/6/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04)

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

0.00

Complete if Known

Application Number	10/708,202
Filing Date	02/16/2004
First Named Inventor	Ying-Yao Lin
Examiner Name	Nguyen, Linh V
Art Unit	2819
Attorney Docket No.	REAP0008USA

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 50-3105 Deposit Account Name: North America Intellectual Property Corp.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent 50 25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent 200 100

Multiple dependent claims 360 180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
				Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=			
HP = highest number of total claims paid for, if greater than 20					
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	_____	_____
- 3 or HP =	x	=			
HP = highest number of independent claims paid for, if greater than 3					

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: _____

SUBMITTED BY

Signature	<i>Winston Hsu</i>	Registration No. 41,526 (Attorney/Agent)	Telephone 302-729-1562
Name (Print/Type)	Winston Hsu		Date 10/6/2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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LINEAR-IN-DECIBEL VARIABLE GAIN AMPLIFIER

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

**Subject: Resubmit Response to Office Action dated 08/30/2005 in response to
Notice of Non-Compliant Amendment dated 09/08/2005**

Siri

5 On August 30, 2005, the applicant submitted a Response to Office
Action of 06/14/2005. The applicant received a Notice of Non-Compliant
Amendment recently and realized that the page 7 was missing. The error
was made without deceptive intention. The applicant hereby submits the
amendment again as per request in the Notice of Non-Compliant
10 Amendment.

Sincerely yours,

Winston Hsu

Date: October 6, 2005

Winston Hsu, Patent Agent No. 41,526

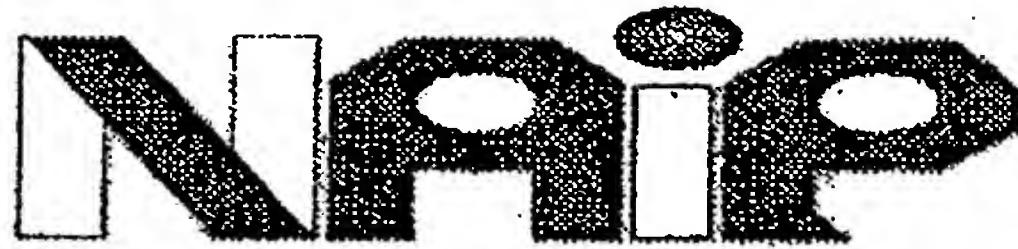
5 P.O. BOX 506, Merrifield, VA 22116, U.S.A.

Voice Mail: 302-729-1562

Facsimile: 806-498-6673

e-mail : winstonhsu@naipo.com

10 Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.)



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Customer No.: 27765

**Fax To: Nguyen, Linh V
Art Unit: 2819**

**Tel.: (571) 272-1810
Fax: (571) 273-8300**

From: Winston Hsu, Registration No. 41,526

Serial No.: 10/708,202

Attorney Docket No.: REAP0008USA

Subject: Response to the Office Action mailed on 06/14/2005

Total Pages: 13 pages (including cover page)

Winston Hsu 08/30/2005

REAP0008USA0_A2_1

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PTO/SB/21 (09-04)

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Total Number of Pages in This Submission

12

Attorney Docket Number

REAP0008USA

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	North America Intellectual Property Corporation		
Signature	<i>Winston Hsu</i>		
Printed name	Winston Hsu		
Date	8/30/2005	Reg. No.	41,526

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Signature	<i>Sammi Chang</i>		
Typed or printed name	Sammi Chang	Date	8/30/2005

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FEE TRANSMITTAL
For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 350.00)

Complete if Known

Application Number	10/708,202
Filing Date	02/16/2004
First Named Inventor	Ying-Yao Lin
Examiner Name	Nguyen, Linh V
Art Unit	2819
Attorney Docket No.	REAP0008USA

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Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 50-3105 Deposit Account Name: North America Intellectual Property Corp.

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fee Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEESFee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

Multiple dependent claims

Small Entity

Fee (\$)

Fee (\$)

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
27	- 20 or HP = 7	x 50	= 350

HP = highest number of total claims paid for, if greater than 20

Multiple Dependent Claims

Fee (\$)

Fee Paid (\$)

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

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Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: _____

SUBMITTED BY

Signature	<i>Winston Hsu</i>	Registration No. 41,526 (Attorney/Agent)	Telephone 302-729-1562
Name (Print/Type)	Winston Hsu	Date 8/30/2005	

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Commissioner for Patents

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AMENDMENT

In response to the Office action of June 14, 2005, please amend the above-identified application as follows:

5 Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 9 of this paper.